



**HUGHES
SERVICE INFORMATION
LETTER**

LETTER NO. L-52
DATE Nov. 22, 1968
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TO—All owners and operators of Hughes Helicopters

SUBJECT: PARTS REPLACEMENT KIT (P/N 269A5540-901) -
BELT DRIVE CLUTCH DAMPER ASSEMBLY

MODELS AFFECTED: 269A Helicopter Serial Nos. 0011 through 0314
269A-1 Helicopter Serial Nos. 0001 and subsequent

Reference

0041 REPLY

269A/A-1/TH-55A Handbook of Maintenance Instruction, Revised 1 June 1968

An operational check of the belt drive clutch damper assembly should be performed on your helicopter at each and every 100-hour inspection period, as specified in the Handbook of Maintenance Instruction. If the inspection reveals an excessive reduction in dampening action due to worn parts, the clutch damper assembly should be removed, disassembled, and each part thoroughly inspected.

As a convenience to owners and operators, there is now a Parts Replacement Kit (P/N 269A5540-901) available which includes all items to be replaced following a teardown inspection of the clutch damper assembly.

In most cases, you'll find that installation of the replacement items (packing cup, follower, nut, washers, packings and gaskets) will restore the clutch damper to a proper operating condition. However, if oil leakage or improper dampening action is caused by a worn plunger shaft (P/N 269A5534) or retaining nut (P/N 269A5533), the plunger shaft and retaining nut must be replaced as a matched set, and installed together with the items provided in the Parts Replacement Kit.

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Step-by-step procedures for inspection, removal and replacement of the belt drive clutch damper assembly components are provided in Section IV of the Handbook of Maintenance Instruction.



Edward Koch, Manager
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